

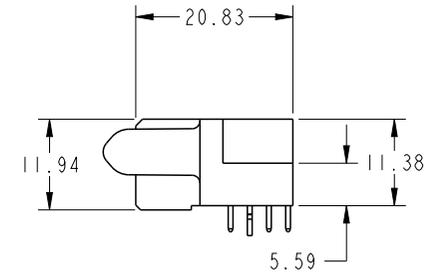
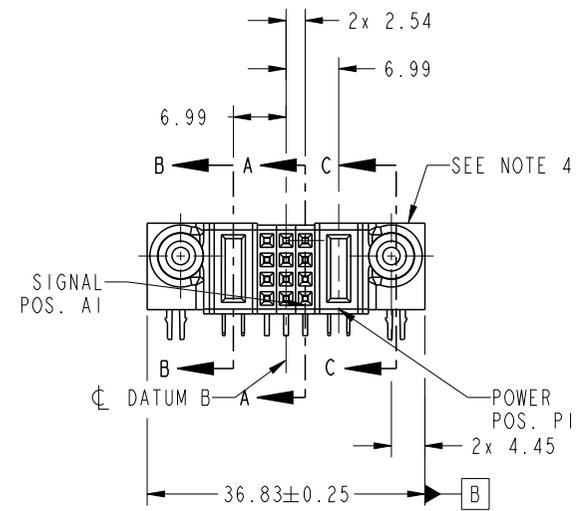
1

2

3

4

PRODUCT NO.	ROWS	POW	SIG	POW
51770-053-- NOTE 3	D C B A	E2	P2 3 2 1	P1 E1
		PA	H G F E	PA



CODE	DIM "M" MATING LENGTH	CONTACT TYPE
PA	[1.07]	POWER
H	[N/A]	SIGNAL
G	[N/A]	SIGNAL
F	[N/A]	SIGNAL
E	[N/A]	SIGNAL
HA	[N/A]	HOLD-DOWN



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spec ref	SEE NOTES	dr	Ruan MT	2013/12/12	projection	MM	size	A4	scale	1:1
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	Ruan MT	2014/01/05		←→	ecn no	-	rel level	Released
SEE NOTES		chr	-	-						
surface ✓		appr	Pei-Ming Zheng	2014/01/05						
	linear	0.X	±0.50		title	IP+12S+IP	dwg no	51770-053	rev	A
		0.XX	±0.25							
		0.XXX	±0.10							
	angular	0°	±2°	www.fci.com	cat. no.	Product - Customer Drw	sheet 1 of 4			

PrdE File - REV C - 2009-06-09

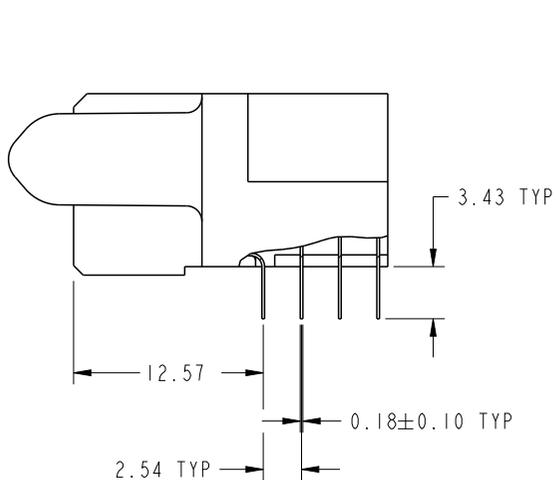
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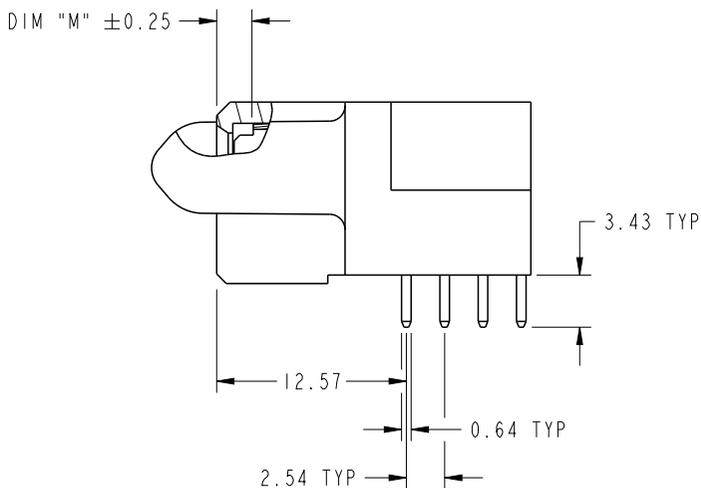
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PRODUCT NUMBER

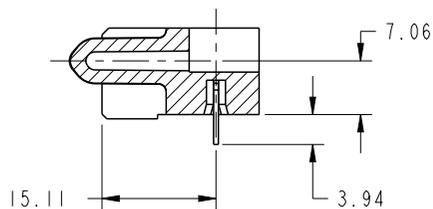
51770-053__
NOTE 3



BROKEN-OUT SECTION A-A
SCALE 2:1



BROKEN-OUT SECTION B-B
SCALE 2:1

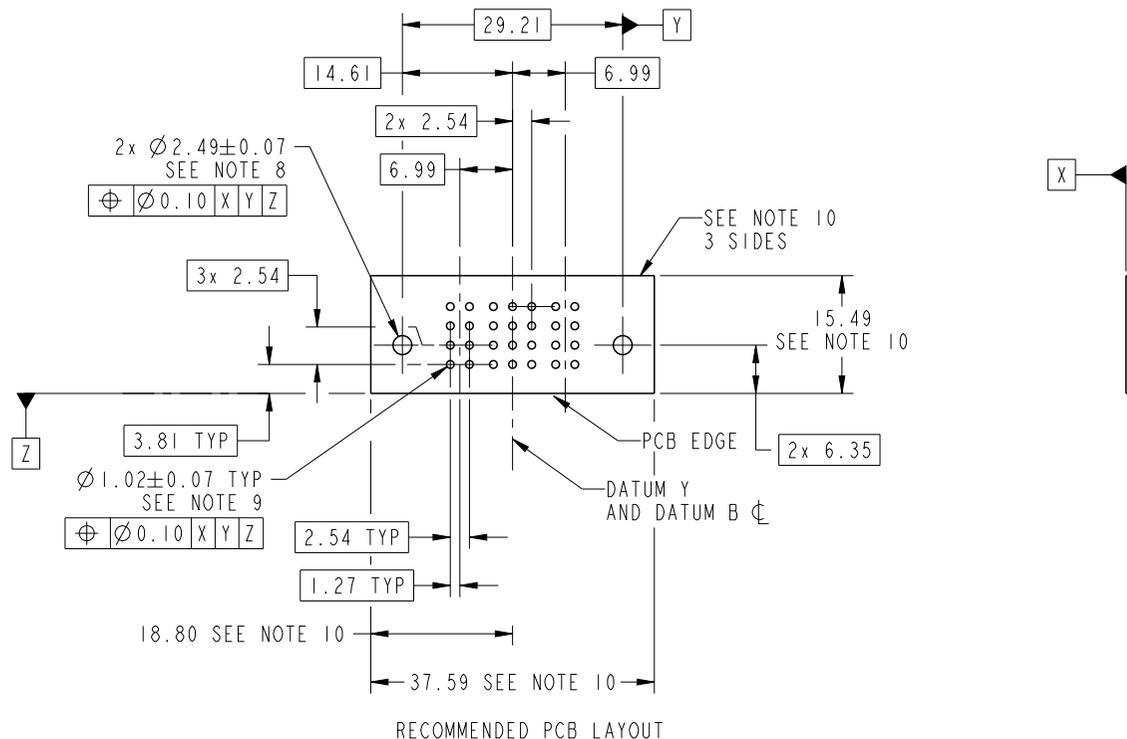


SECTION C-C

dr	Ruan MT	2013/12/12	projection 	MM 	size	A4	scale	1:1
eng	Ruan MT	2014/01/05			ecn no	-		
chr	-	-			rel level	Released		
appr	Pei-Ming Zheng	2014/01/05	product family	PwrBlade	rel level	Released		
	title	IP+12S+IP R/A SOLDER RECEPTACLE		dwg no	51770-053		rev	A
www.fci.com	cat. no.	Product - Customer Drw			sheet 2 of 4			

PRODUCT NUMBER

51770-053_
NOTE 3



RECOMMENDED PCB LAYOUT

dr	Ruan MT	2013/12/12	projection 	MM 	size	A4	scale	1:1
eng	Ruan MT	2014/01/05			ecn no	-		
chr	-	-			rel level	Released		
appr	Pei-Ming Zheng	2014/01/05	product family	PwrBlade	rel level	Released		
	title	IP+12S+IP		dwg no	51770-053		rev	A
www.fci.com	cat. no.	R/A SOLDER RECEPTACLE		Product - Customer Drw		sheet 3 of 4		

PRODUCT NUMBER

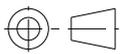
51770-053__
NOTE 3

NOTES:

1. DIMENSIONS AND TOLERANCES ARE IN ACCORDANCE WITH ASME Y14.5M, 1994 UNLESS OTHERWISE SPECIFIED.

CONNECTOR NOTES:

- 2. HOUSING MATERIAL: UL 94 V-0 GLASS FILLED HIGH-TEMP THERMOPLASTIC
POWER CONTACT MATERIAL: COPPER ALLOY
SIGNAL PIN MATERIAL: COPPER ALLOY
 - 3. SEE ITEM 5 & 6 IN PRINT 10064183 FOR PLATING SPEC OF 51770-053 AND 51770-053LF RESPECTIVELY.
 - 4. MANUFACTURER'S NAME, DATE CODE AND OPTIONAL P/N TO APPEAR ON THIS SURFACE. THE MARK CAN BE OMITTED IF THERE IS NOT ENOUGH SPACE ON THIS SURFACE.
 - 5. PRODUCT SPECIFICATION GS-12-149.
APPLICATION SPECIFICATION BUS-20-067.
 - 6. PACKAGED IN TRAYS.
- PCB NOTES:
- 7. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.
 - 8. MOUNTING HOLES, WHERE APPLICABLE, ARE UNPLATED.
 - 9. $\varnothing 1.151 \pm 0.025$ DRILLED HOLES PLATED WITH
0.008 MIN SnPb OR Sn OVER 0.03
TO 0.08 Cu PLATING TO ACHIEVE
 $\varnothing 1.02 \pm .07$ HOLE.
 - 10. CONNECTOR KEEP-OUT ZONE.

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chr	-	-			product family	PwrBlade	rel level	Released
appr	Pei-Ming Zheng	2014/01/05			title IP+12S+IP R/A SOLDER RECEPTACLE	dwg no 51770-053	rev A	
www.fci.com		cat. no.	Product - Customer Drw			sheet 4 of 4		



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